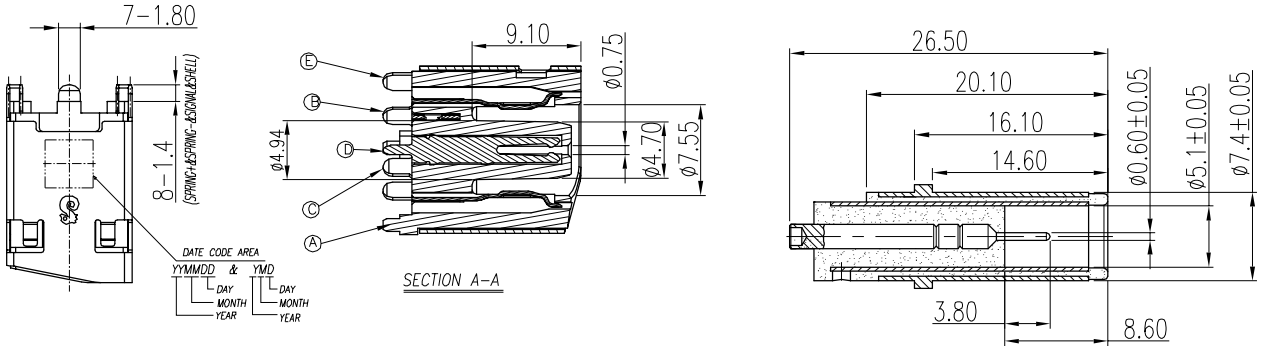
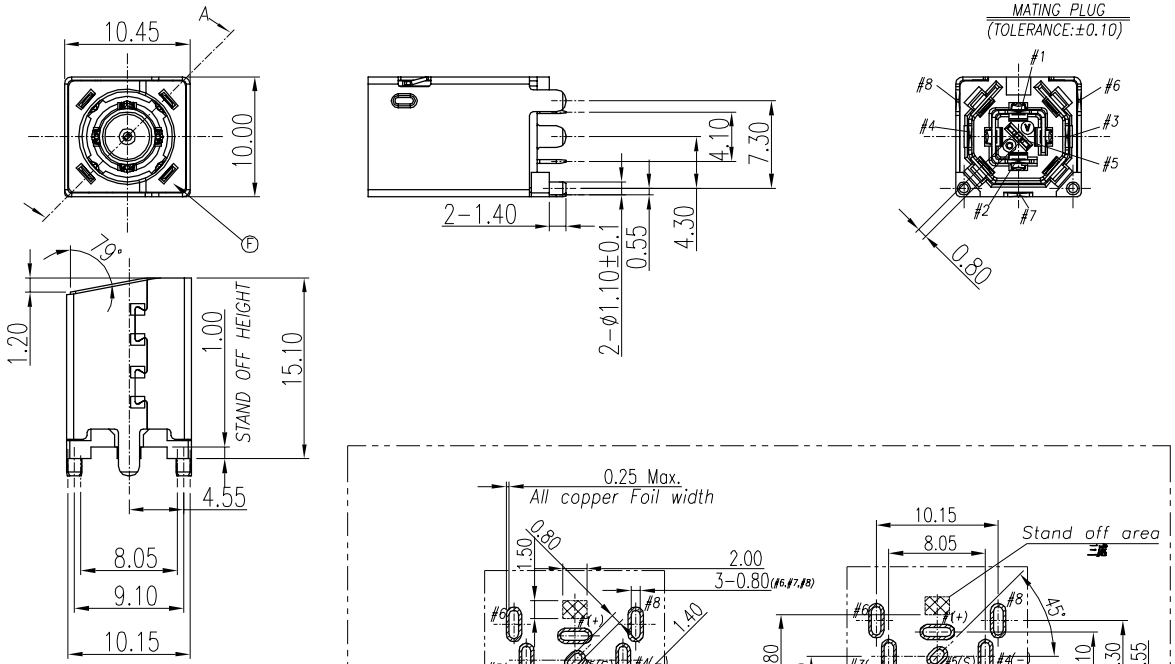
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T190603-2A	Zhijun	2020.09.27

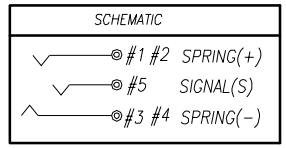


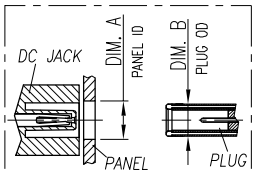


SPECIFICATIONS:

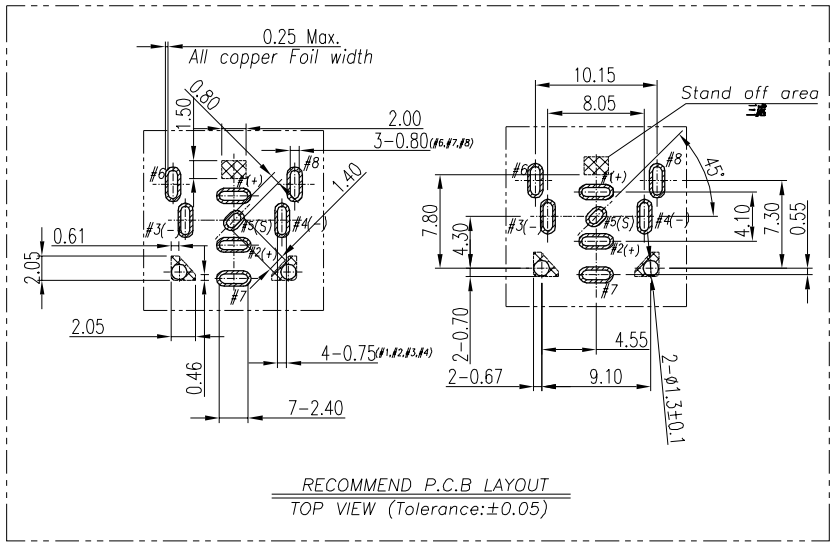
1. ELECTRICAL CHARACTERISTICS:
   1-1. RATING: 20V 12.5A
   1-2. CONTACT RESISTANCE: 30m ΩMAX.
   1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   2-1. INSERTION FORCE : 1~1000次 1.4~2.5KGF, 1000~5000次 1.0~2.5KGF.
   2-2. WITHDRAWAL FORCE : 1~1000次 1.4~2.5KGF, 1000~5000次 1.0~2.5KGF.
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2DC3202-001111F SPEC".
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
7. HALOGEN FREE PRODUCT INDENTIFICATION LOGO ON THE PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
9. THE PANEL'S ID MUST BE GREATER THAN THE PLUG'S OD WHICH MUST HAVE A DIFFERENCE OF LESS THAN OR EQUAL TO 0.5 mm.(AS SHOWN IN FIGURE 1.)

SCHEMATIC





DIM. A-DIM.B ≤ 0.5
FIGURE 1



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	SHELL	1	SUS430 0.30T	可焊 Ni 60u" Min.
D	SIGNAL	1	C5210 0.3T	GOLD FLASH ON CONTACT AREA,Matte Sn 120u" ON SOLDER TAIL ALL OVER Ni 50 u"
C	SPRING (+)	1	C5210 0.3T	
B	SPRING (-)	1	C5210 0.25T	
A	BODY	1	LCP UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2
ANGLES: X :±2°, X.X :±1°

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	DC POWER JACK			
DWN	Zhijun	PART NO.2DC3202-001111F		
CHKD	Sky	SCALE 4:1	UNIT: mm	
APVD	Lussen	SIZE: A3	SHEET:1 OF 2	REV:A

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文件編號: RD-06-043-A